

REMARKS

Applicant's counsel thanks the Examiner for the courteous telephone interview held on May 11, 2006. During the interview, we reviewed the claim amendments submitted on April 7, 2006, and explained one of the features of the present invention, i.e., the server component portions being incrementally loaded and executed on the server computer. We argued that this feature is not disclosed or suggested by any prior art. The Examiner suggested Applicant submitting further arguments/remarks for examination.

Claim Amendments

Claim 1 has been amended for clarity to recite: "server component portion(s)". Support for the term "server component portion(s)" can be found, for example, in the specification at page 4, lines 31-32.

Claim 1 has been amended to recite: "the server component portions including an initial server component portion and one or more subsequent server component portions, the initial server component portion having an initial function, each of the one or more subsequent server component portions including at least one subsequent function". Support for this amendment can be found, for example, in the specification at page 5, lines 14-17.

Claim 1 has been amended to recite: "associated code for generating a parameter for use by the server component, ..., the parameter being an initial parameter or a subsequent parameter". Support for this amendment can be found, for example, in the specification at page 5, line 4-19.

Claim 1 has been amended for clarity to recite: "a memory ...", "means for receiving an initiating message from the client ...", "means for loading into the memory, in dependence upon the initial parameter, the initial server component portion ...", "means for executing the initial server component portion ...", "means for receiving a subsequent message from the client ...", "means for loading into the memory, in dependence upon the subsequent parameter, the subsequent server component portion ...", and "means for executing the subsequent server component portion ...". Support for this amendment can be found, for example, in the specification at page 5, lines 9-18. Further, the limitations of "a memory for executing a server component" and "loading, into the memory..." are reasonably inferred from the application as

originally filed and would be read by one of ordinary skill in the art.

Claim 2 has been amended to bring it into conformity with amended claim 1.

Claim 3 has been amended to add changes corresponding to those of claim 1.

Claim 4 has been amended to bring it into conformity with amended claim 3.

Claim 5 has been amended for clarity to recite: "server component portion(s)". Support for the term "server component portion(s)" can be found, for example, in the specification at page 4, line 31-32.

Claim 5 has been amended to recite: "the initial request including a parameter associated with the appropriate server component portion, the parameter being created at the client computer", "an additional request", and "the additional request including a parameter associated with the additional appropriate server component portion, the parameter in the additional request being created at the client computer". Support for the amendment can be found, for example, in supported in the description at page 5, lines 1-19.

Claim 6 has been amended to bring it into conformity with amended claim 5.

Claim 7 has been amended to add changes corresponding to those of claim 5.

Claim 8 has been amended to bring it into conformity with amended claim 7.

Claim 9 has been cancelled without prejudice.

The amendments to claims 1-8 are fully supported by the application as originally filed. No new matter has been introduced by way of the amendments.

New dependent claims 10-15 have been added. Support for new claims 10 and 13 can be found, for example, in the specification at page 5, line 9-page 6, line 2. Support for new claims 11-12 and 14-15 can be found, for example, in the specification at page 5, lines 9-19. No new matter has been introduced by way of the amendments to the claims.

New claims 16-23 have been added. Support for new claims 16 and 20 can be found, for example, in the specification at page 5, line 9-page 6, line 2. Support for new claims 17-19 and 21-23 can be found, for example, in the specification at page 5, lines 9-19. No new matter has been introduced by way of the amendments to the claims.

Claim Rejections 35 USC §103

The Examiner has rejected claims 1-8 under 35 USC 103(a) as being unpatentable over Kevner (US Patent No. 5,956,509) in view of Britton et al. (US Patent No. 6,279,030), hereinafter referred to as Britton.

The present application discloses loading into a memory of the server, a server component portion in a plurality of server component portions of the server component, and then executing at the server the server component portion to provide a function to the client. The loading and the executing are repeated until the application terminates, according to a function of the application (e.g., Quit).

According to claims 1 and 3 (claims 5 and 7), in dependence upon an initial parameter from a client, an initial server component portion is loaded into the memory of a server, and is executed to provide an initial function to the client; and in dependence upon a subsequent (additional) parameter from a client, the subsequent (additional) server component portion is loaded into the memory of the server, and is executed to provide a subsequent (additional) function to the client

Under Paragraph 4 of the Office Action, the Examiner has acknowledged that Kevner does not expressly disclose wherein portions are incrementally loaded and executed on the sever component in response to the code and parameter from the one or more command selectors for client/server application. Instead, the Examiner has stated that Britton discloses a class loader that loads and executes incrementally by fetching from a repository into the server (col. 7, line 60-col. 8, line 15).

Col. 7, line 67-col. 8, line 15 of Britton states:

-- ... At some later point, the application program 350 is executed by a JVM 340 on a

client computer 360. When the application 350 attempts to use a class that has not been loaded on the client computer 360, the class loader component 330 of the JVM 340 makes a request 302 to a class server 320. (The class server function 320 is typically included in standard Web servers.) This request 302 notifies the class server 320 to fetch 303, 304 the class file from the class repository 310, and return it 305 to the JVM 340. The application 350 then continues executing, using the retrieved class file. This dynamic loading of class files operates transparently to the user of the application 350. -- [Emphasis Added]

Accordingly Britton discloses fetching a class file by the class server 320, loading the class file onto the client computer, and executing the application using the class file at the client.

Britton in fact refers to the execution of programs (class files, comprising Java bytecoded executables) using a Java Virtual Machine JVM in the client, and those programs are downloaded from a (presumably remote) class server to that client. Thus Britton is entirely different from the present invention in which an appropriate server component portion is loaded and executed on the server.

None of the cited references taken alone or in combination thereof suggests or teaches loading and executing a server component portion on the server, as recited in independent claims 1, 3, 5, 7, 16, and 20. It is respectfully submitted that claims 1-23 are patentable in view of the cited references.

In view of the above amendments and remarks, and having dealt with all the objections raised by the Examiner, reconsideration and allowance of the application is courteously requested.

If any additional fees are required by this communication which are not covered by an enclosed check, please charge any such fees to our Deposit Account No. 16-0820, Order No. 33263US1.

Respectfully Submitted,
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